

From: David Spencer/R6/USEPA/US
Sent: 1/17/2012 9:14:49 AM
To: Adam Molnar/ESC/R3/USEPA/US@EPA
CC: Rick McMillin/R6/USEPA/US@EPA; Lisa Wool/R6/USEPA/US@EPA
Subject: Re: Fw: Ethylene Glycol technical help

Adam,
I was out the last few days of last week. If you need any further information regarding this method let me know. I did some of this work with Diane.

David Spencer
U.S. EPA, Region 6
Houston Lab
281-983-2125

From: Rick McMillin/R6/USEPA/US
To: Adam Molnar/ESC/R3/USEPA/US@EPA
Cc: Nick Gannon/R6/USEPA/US@EPA, Johnson Mathew/R6/USEPA/US@EPA, David Spencer/R6/USEPA/US@EPA
Date: 01/11/2012 10:33 AM
Subject: Fw: Ethylene Glycol technical help

Adam,

For the Gulf oil spill we used a modified 8270 GC/MS with a wax column using direct inject of water for propylene glycol (I assume it should work for ethylene glycol), based on an application note. Not sure how much we injected, but I should be able to find out if needed. We got a reporting limit of about 0.5 ppm. It wasn't a great method, but did the job. Diane Gregg set up the method, but she is out until March/April.

Johnson Mathew has done some work on glycols/ethers by LC/MS/MS and got much lower reporting limits, but don't know if it would work for ethylene glycol. I copied him in case he would like to add.

Rick McMillin
Deputy Branch Chief
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----- Forwarded by Rick McMillin/R6/USEPA/US on 01/11/2012 10:27 AM -----

From: Stevie Wilding/ESC/R3/USEPA/US
To: R3 ESC-LTIG ORGANIC
Date: 01/11/2012 07:54 AM
Subject: Ethylene Glycol technical help

Region 5 or 6 -- could you let Adam know how you are analyzing ethylene glycol.

----- Forwarded by Stevie Wilding/ESC/R3/USEPA/US on 01/11/2012 08:52 AM -----

From: Adam Molnar/ESC/R3/USEPA/US
To: Stevie Wilding/ESC/R3/USEPA/US
Cc: Cynthia Caporale/ESC/R3/USEPA/US@EPA
Date: 01/11/2012 08:33 AM
Subject: Region 6 help with Ethylene Glycol

Stevie,

It says in the Dimock summary that you or Cindy will contact R5 and R6 today. I would like to know if they have a working ethylene glycol analysis by GC-FID. If they are getting good results I'd like to have a contact to discuss what they are doing.

Are you planning a conference call today?

Adam Molnar, Chemist
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